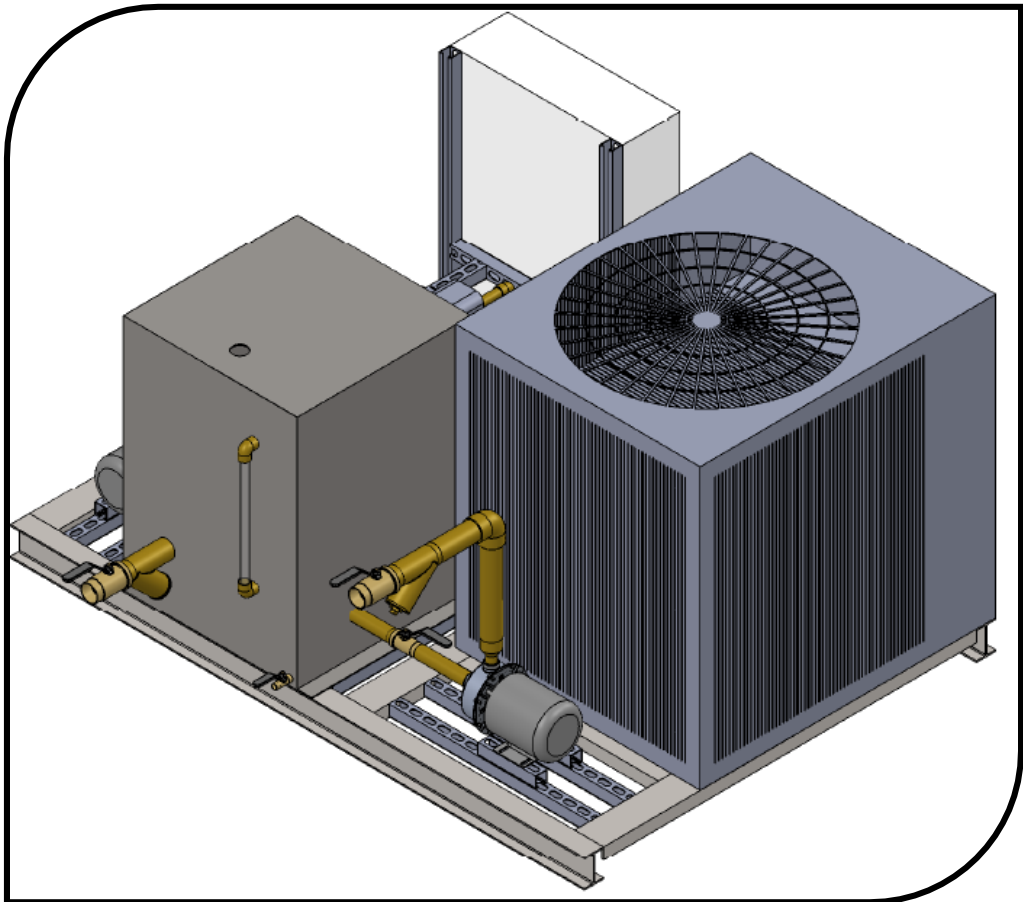




## 6TR Nominal Glycol Chiller



800.953.7700 • [chillermen.com](http://chillermen.com)  
374 S. Milpitas Blvd., Milpitas, CA 95035 • 3991 N. Freeway Blvd., Sacramento, CA 95834



# FEATURES AND BENEFITS

## PLUG AND PLAY OPERATION

- Single point power connection for system. System available in 230 VAC or 460 VAC (60 Hz)
- Steel skid construction for easy transportation to final site of operation
- System delivered tested, charged, and programmed with Fluid Industrial Manufacturing proprietary controls paradigm

## PROPRIETARY CONTROLS PARADIGM

- Controls software designed by Fluid Industrial Manufacturing in house engineering to ensure optimal temperature accuracy and precision over time
- System controls designed for system safety and reliability: high / low pressure switches, fluid flow switches, current transmitters, equal run time sequencers, PID temperature control, and more all included on base models

## SERVICEABILITY AND RELIABILITY

- 24 month warranty from ship date – with extended warranties available
- System designed for serviceability – all electrical panels, compressors, and pump motors are readily accessible by trained technicians and situated for easy replacement should it be required
- Isolation valves for pumps, evaporators, and overall system
- Safety systems ensure proper operation at all times to maximize system life span and minimize down time

### STANDARD FEATURES

Outgoing Temp Control	High/Low Pressure Switch for Compressor	SS Brazed Plate Evaporator	Isolation Valves	Current Transmitters
Microprocessor Control	On/Off Switch	Copper Piping W/ FPT Connections	Factory Tuned and Tested	Diagnostic Display

### OPTIONAL FEATURES

Two Independent Compressor Circuits	Liquid Flow Switches	Low Ambient Controls	Communication Interface	Defrost Timer
Primary and Secondary Pumps	Gauges and Displays	TRANE Coil Guard	System Pump W/ SS Buffer Tank	Additional Options Available on Request

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California 95035

# TECHNICAL SPECIFICATIONS

TABLE 1: Approximate System Thermal Capacity (BTU/hr)

		Suction Temperature [°F]					
		[30]	[35]	[40]	[45]	[50]	[55]
Ambient Temperature [°F]	[75]	62,500	62,500	70,000	77,500	85,000	92,500
	[85]	52,500	57,500	65,000	72,500	77,500	85,000
	[95]	47,500	52,500	60,000	67,500	72,500	80,000
	[105]	42,500	47,500	55,000	60,000	67,500	72,500
	[115]	37,500	42,500	50,000	55,000	62,500	67,500

TABLE 2: System Power Requirements

VOLTAGE [VAC]	FLA [AMP]	MCA [AMP]
230 / 60 HZ	25	31
460 / 60 HZ	13	22

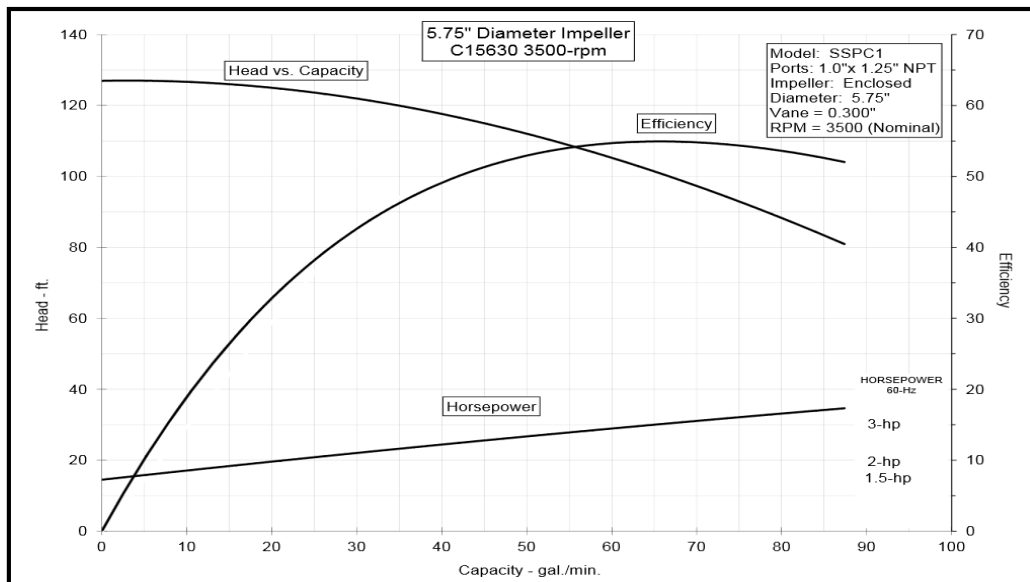


FIGURE 1: 3HP System Circulation Pump Curve

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# DIMENSIONS AND WEIGHTS

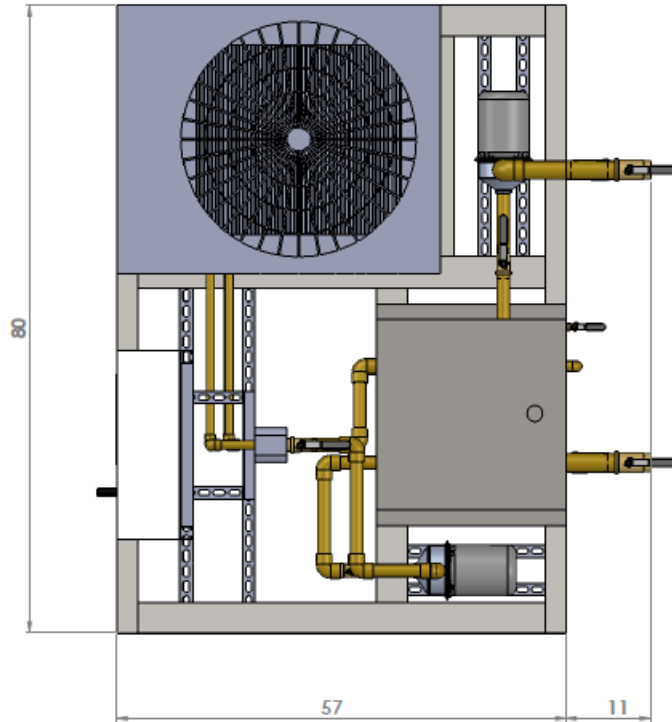


FIGURE 2: 6TR system top view dimensions (inches)

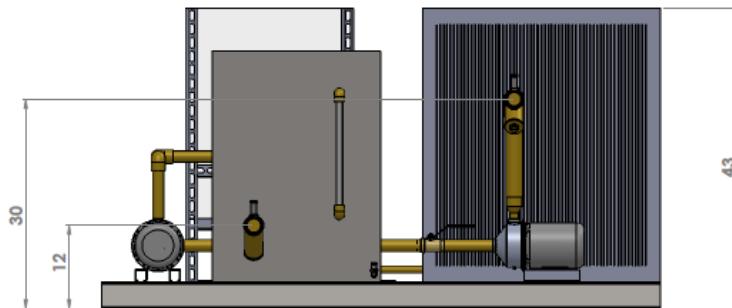


FIGURE 3: 6TR system front view dimensions (inches)

**Unit shown includes optional features: Primary, secondary pumps and SS buffer tank**  
**Approximate Operating Weight: 2250 Pounds**